

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101620\
 Data File : VW016911.D
 Acq On : 15 Oct 2020 14:59
 Operator : SY/VA
 Sample : L4421-15
 Misc : 6.64G/10ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG198

Quant Time: Oct 16 08:15:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 16 08:07:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	621722	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	540888	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	239539	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	122837	20.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.12%
7) Chloroethane-d5	2.90	69	104707	20.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.40%
10) 1,1-Dichloroethene-d2	4.02	63	187389	14.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.56%
20) 2-Butanone-d5	7.09	46	57166	41.15	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.30%
24) Chloroform-d	7.65	84	277978	21.19	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.76%
26) 1,2-Dichloroethane-d4	8.31	65	142336	22.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.84%
29) Benzene-d6	8.27	84	557436	22.69	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.76%
33) 1,2-Dichloropropane-d6	9.28	67	156411	23.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.76%
37) Toluene-d8	10.32	98	511095	22.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.20%
38) trans-1,3-Dichloropropene-	10.58	79	60933	20.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.72%
39) 2-Hexanone-d5	10.93	63	47840	46.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.72%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	122137	22.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.60%
61) 1,2-Dichlorobenzene-d4	13.86	152	174356	22.95	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.80%

Target Compounds

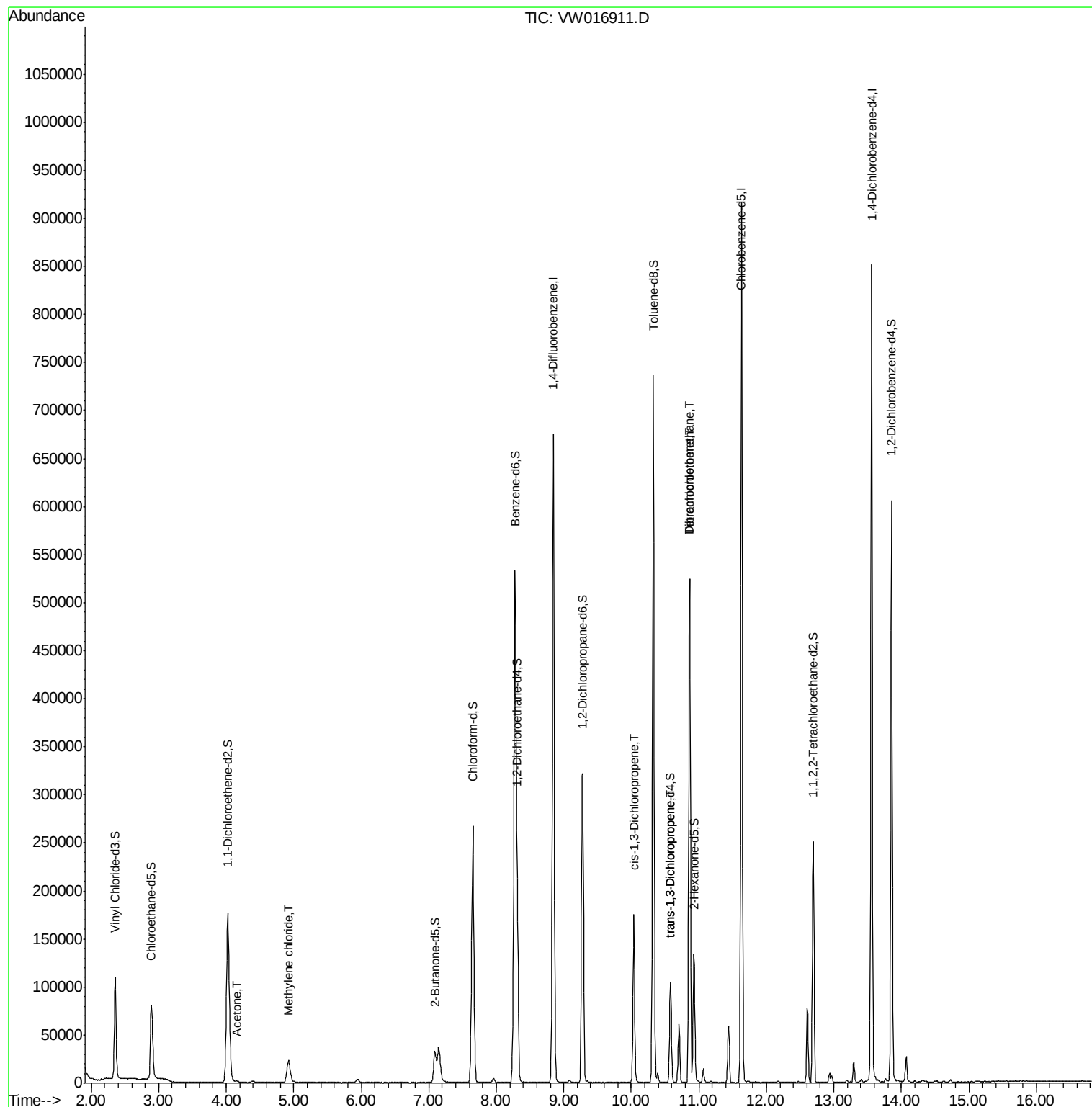
					Ovalue
13) Acetone	4.15	43	3188	3.032 ug/L	94
16) Methylene chloride	4.92	84	21821	2.543 ug/L	99
42) cis-1,3-Dichloropropene	10.04	75	4432	0.423 ug/L #	55
45) trans-1,3-Dichloropropene	10.59	75	3179	0.361 ug/L #	71
47) Tetrachloroethene	10.87	164	125485	16.474 ug/L	97
50) Dibromochloromethane	10.87	129	113032	17.029 ug/L #	11

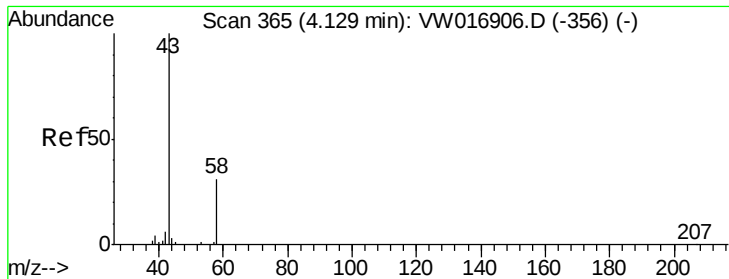
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.032 ug/L

RT: 4.15 min Scan# 369

Delta R.T. 0.02 min

Lab File: VW016911.D

Acq: 15 Oct 2020 14:59

Instrument :

MSVOA_W

ClientSampled :

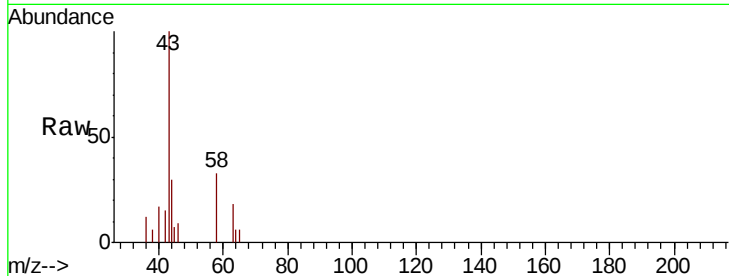
BG198

Tot Ion: 43 Resp: 3188

Ion Ratio Lower Upper

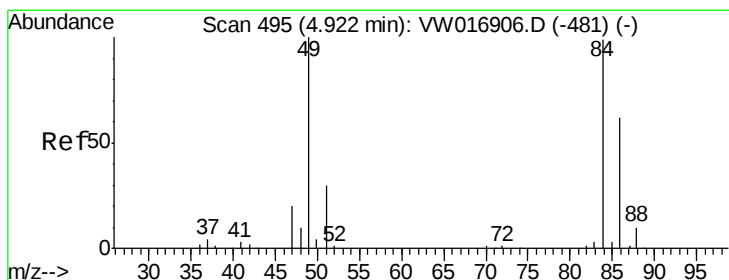
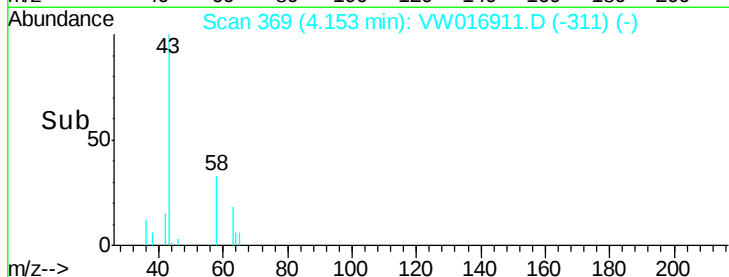
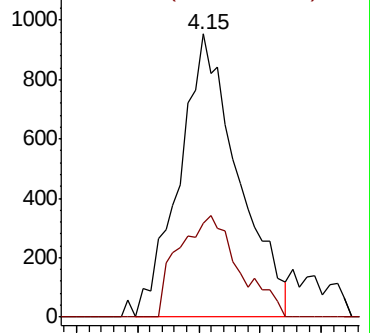
43 100

58 37.0 0.0 67.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.543 ug/L

RT: 4.92 min Scan# 495

Delta R.T. -0.00 min

Lab File: VW016911.D

Acq: 15 Oct 2020 14:59

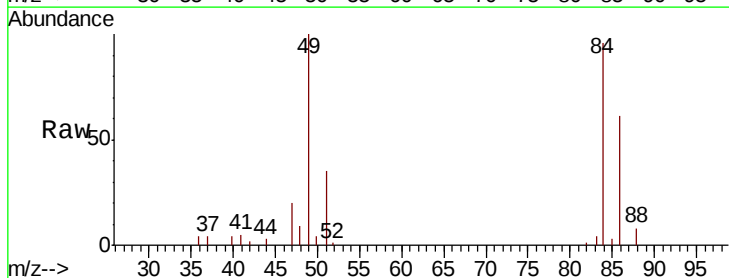
Tgt Ion: 84 Resp: 21821

Ion Ratio Lower Upper

84 100

49 104.1 73.1 135.8

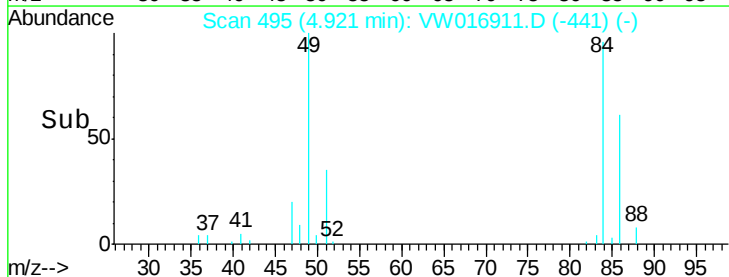
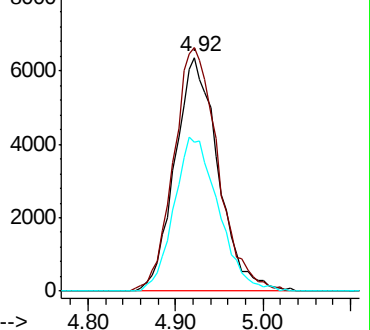
86 63.6 46.0 85.4

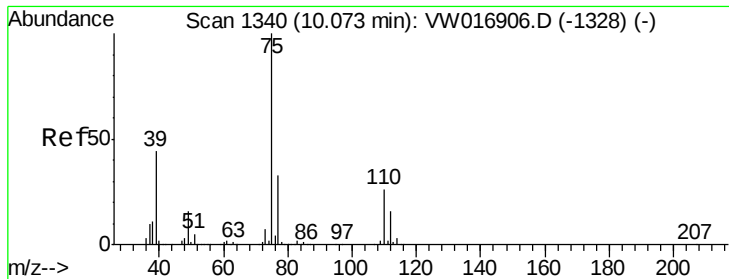


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#42

cis-1,3-Dichloropropene

Concen: 0.423 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016911.D

Acq: 15 Oct 2020 14:59

Instrument :

MSVOA_W

ClientSampled :

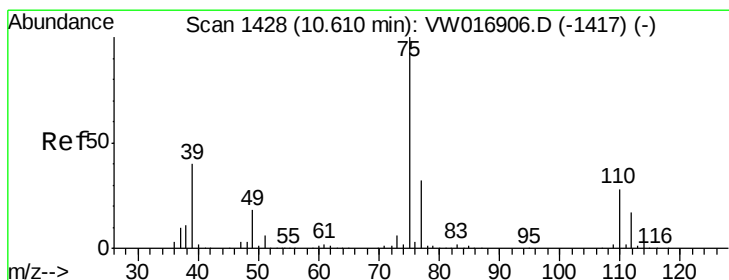
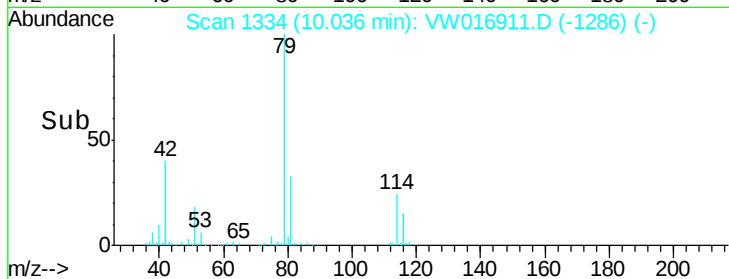
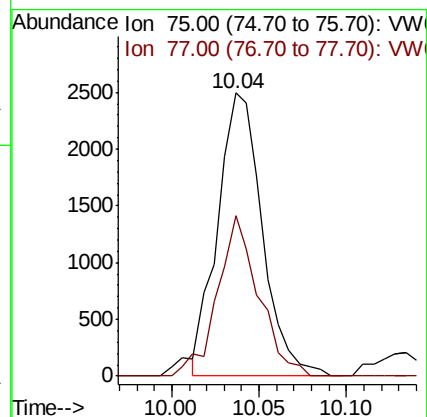
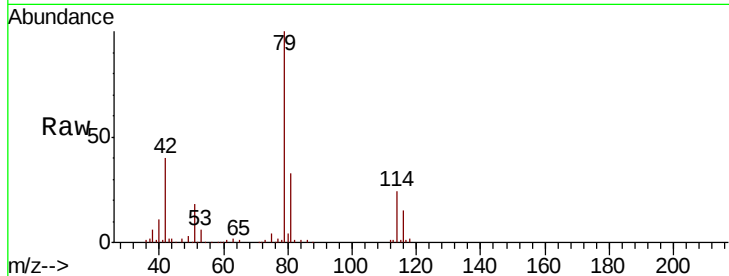
BG198

Tot Ion: 75 Resp: 4432

Ion Ratio Lower Upper

75 100

77 56.7 22.1 41.1#



#45

trans-1,3-Dichloropropene

Concen: 0.361 ug/L

RT: 10.59 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW016911.D

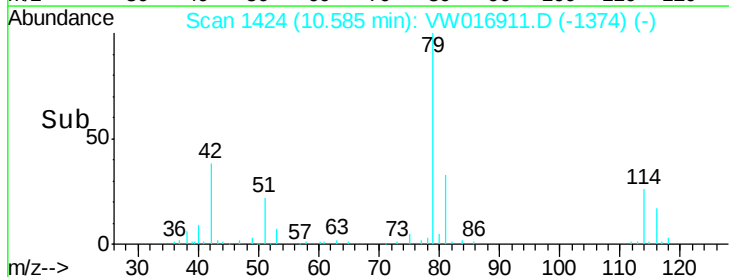
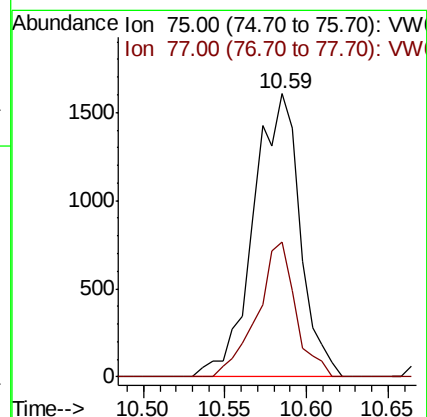
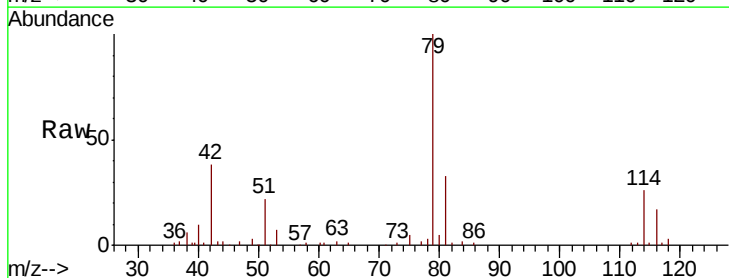
Acq: 15 Oct 2020 14:59

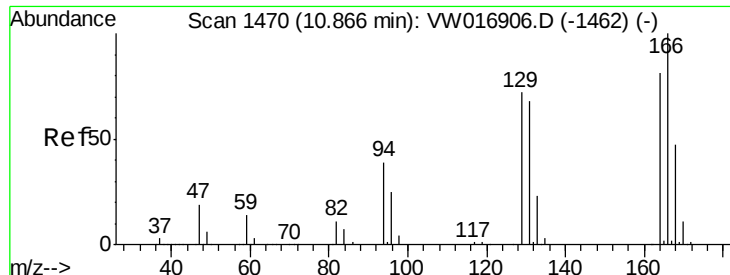
Tgt Ion: 75 Resp: 3179

Ion Ratio Lower Upper

75 100

77 47.7 22.2 41.2#

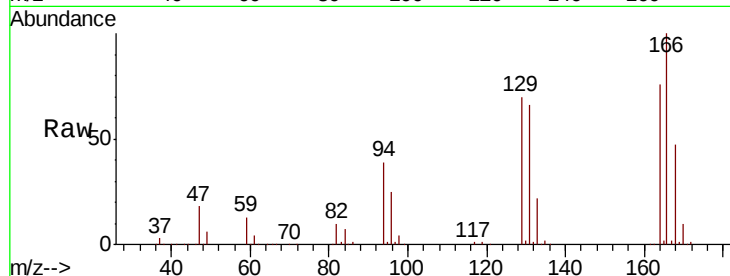




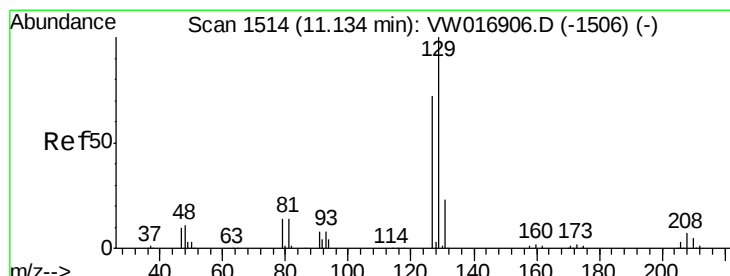
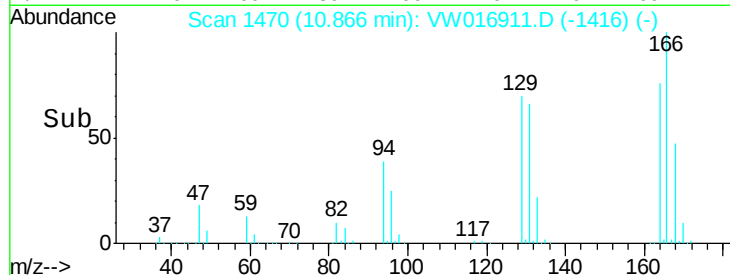
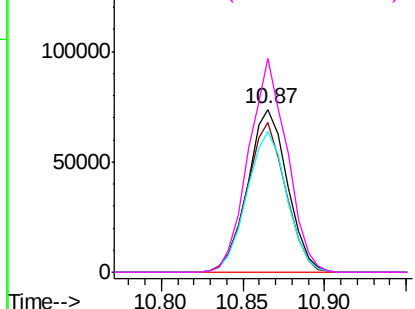
#47
Tetrachloroethene
Concen: 16.474 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW016911.D
Acq: 15 Oct 2020 14:59

Instrument :
MSVOA_W
ClientSampled :
BG198

Tot Ion:164 Resp: 125485
Ion Ratio Lower Upper
164 100
129 91.4 61.7 114.7
131 85.9 59.7 110.9
166 130.8 88.3 164.1

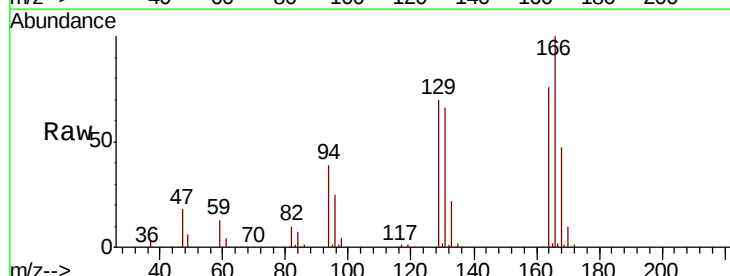


Abundance Ion 164.00 (163.70 to 164.70): V
150000
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V



#50
Dibromochloromethane
Concen: 17.029 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. -0.27 min
Lab File: VW016911.D
Acq: 15 Oct 2020 14:59

Tgt Ion:129 Resp: 113032
Ion Ratio Lower Upper
129 100
127 0.0 54.0 100.4#



Abundance Ion 129.00 (128.70 to 129.70): V
80000
Ion 127.00 (126.70 to 127.70): V

